SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE Attorney Docket No. 50229-419 PATENT AND TRADEMARK OFFICE (MODIFIED) Serial No. Cont. of 09/576, \$657 Joseph Chappell et al. Applicant INFORMATION DISCLOSURE STATEMENT BY APPLICANT Filing Date Nov. 21, 2003 (Use several sheets if necessary) Group **IDS Filed** (37 CFR §1.98(b)) FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Subclass Translation **Publication** Country or Class Examiner's Document Patent Office (Yes/No) Initials Number Date RK WO 94/22304 10/13/94 PCT RK PCT WO 95/11913 05/04/95 OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) Alonso et al., "Purification of 4S-Limonene Synthase, a Monoterpene Cyclase from the Glandular Trichomes of peppermint (Mentha x piperita) and Spearmint (Mentha spicata)," J. Biol. Chem. RK 267:7582-7587 (1992) Anke and Sterner, "Comparison of the Antimicrobial and Cytotoxic Activities of Twenty Unsaturated RK Sesquiterpene Dialdehydes from Plants and Mushrooms," Planta Med. 57:344-346 (1991) RK Ave et al., "Aphid repellent sesquiterpenes in glandular trichomes of Solanum berthaultii and S. tuberosum," Entomologia Experimentalis et Applicata 44:131-138 (1987) Back et al., "Expression of a Plant Sesquiterpene Cyclase Gene in Escherichia coli," Arch. RK Biochem. Biophys. 315:527-532 (1994) Back et al. "Cloning and Bacterial Expression of a Sesquiterpene Cyclase from Hyoscyamus RK muticus and Its Molecular Comparison to Related Terpene Cyclases," J. Biol. Chem. 270:7375-7381 (1995) RK Barnby et al. "Effects of Azadirachtin on Levels of Ecdysteroids and Prothoracicotropic Hormone-Like Activity in Heliothis Virescens (Fabr.) Larvae," J. Insect. Physiol. 36:125-131 (1990) Borman, "Scientists Mobilize to Increase Supply of Anticancer Drug Taxol," Chemical & RK Engineering News 11-18 (1991) RK Bowers et al., "Sesquiterpene Progenitor, Germacrene A: An Alarm Pheromone in Aphids," Science 196:680-681 (1977) DATE CONSIDERED **EXAMINER** 12/07/2006 /Russell Kallis/ EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

Sheet 1 of 6

Sheet 2 of \_\_6 Attorney Docket No. 50229-419 SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE Cont. of 09/576,057 Serial No. Joseph Chappell et al. Applicant INFORMATION DISCLOSURE STATEMENT BY APPLICANT Filing Date Nov. 21, 2003 (Use several sheets if necessary) Group (37 CFR §1.98(b)) **IDS Filed U.S. PATENTS** Examiner's Patent Number Issue Date Patentee Class Subclass Filing Date Initials (If Appropriate) RK 5,744,341 4/1998 Cunningham, Jr. et al FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Examiner's Document **Publication** Country or Class Subclass Translation Initials Number Patent Office (Yes/No) Date OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) Cane et al. "Partial Purification and Characterization of Pentalenene Synthase," Arch. Biochem. RK Biophys. 254:421-429 (1987) Cane et al., "Pentalenene Synthase. Purification, Molecular Cloning, Sequencing, and High-Level Expression in Escherichia coli of a Terpenoid Cyclase from Streptomyces UC 5319," Biochemistry RK 33:5846-5857 (1994) Chappell et al., "Accumulation of Capsidiol in Tobacco Cell Cultures Treated With Fungal Elicitor," RK Phytochemistry 26:2259-2260 (1987) Chappell, "Biochemistry and Molecular Biology of the Isoprenoid Biosynthetic Pathway in Plants," Annu. Rev. Plant Physiol. Plant Mol. Biol. 46:521-547 (1995) RK RK Chappell et al., "Is the Reaction Catalyzed by 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase a Rate-Limiting Step for Isoprenoid Biosynthesis in Plants," Plant Physiol. 109:1337-1343 (1995) Chappell, "The Biochemistry and Molecular Biology of Isoprenoid Metabolism," Plant Physiol. RK 107:1-6 (1995) RK Chen et al., "Cloning, Expression, and Characterization of (+)-\u03c5-Cadinene Synthase: A Catalyst for Cotton Phytoalexin Biosynthesis," Arch. Biochem. Biophys. 324:255-266 (1995) RK Chiu et al., "Engineered GFP as a vital reporter in plants," Current Biology 6:325-330 (1996) Colby et al., "4S-Limonene Synthase from the Oil Glands of Spearmint (Mentha spicata)," J. Biol. RK Chem. 268:23016-23024 (1993) DATE CONSIDERED **EXAMINER** 12/07/2006 /Russell Kallis/ EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

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